



Nishimura Works Co., Ltd.

株式会社 西村製作所



CERTIFICATION JIS Q 9100:2004, JIS Q 9001:2008, ISO 9001:2008

WEBSITE <http://www.nishimuraworks.co.jp/>

Outline of Business

Precision products manufactured with advanced technology on state-of-the-art equipment

The tools and fixtures that Nishimura Works manufactures for the aerospace industry are highly-specialized products used in the production of the Mitsubishi Regional Jet, the Boeing 787, and the H-IIA/H-IIB launch systems, as well as helicopters and other aircraft. Nishimura is committed to meeting the challenges of the ever-advancing aerospace industry.

Tools and fixtures for the aerospace industry

Nishimura accepts orders from aerospace and defense contractors for the manufacture of tools and fixtures used in the production of passenger planes, fighter planes, helicopters, rockets, and other aircraft. Production standards for the aerospace industry call for extreme precision, and those tools and fixtures are exceptionally difficult to manufacture.

Manufacture of component parts for aircraft

All aircraft must be capable of transporting passengers in safety. Nishimura Works manufactures structural elements of passenger aircraft. These parts form the airframe itself and there is absolutely no room for error in their manufacture.

Dispatch of technical staff

We can provide support as necessary for the production of the latest aircraft by dispatching our technical staff to work directly at the customer's production or management facility.

Our Strengths

An integrated process of design, manufacture, and quality control

We have developed our own integrated process for product design, manufacture, and quality control based on the use of 3D CAD systems, five-axis machining, and inspection techniques such as 3D measurement. This system is the cornerstone of our ability to produce highly-specialized products while offering reduced costs, high quality, and short delivery times.

In addition to jigs/tools for the aerospace industry, we also manufacture aircraft parts. Expertise in these two segments creates a synergistic effect in our creative manufacturing capabilities.

We provide products of superior quality backed by recognized certifications such as JIS Q 9001 and JIS Q 9100.



The factory whole



Five-axis machine



Laser tracker

Facility & Equipment

Machining

- 6 Five-axis machines (8250×4320×1700mm)
- 8 Three-axis machines (5250×2400×1700mm)
- 2 Three-axis wire-cut machines (700×500×300mm)
- 1 General-purpose lathe (Φ600×650mm)
- 2 Surface grinding machines (600×400×200mm)
- 1 CNC vertical lathe (Φ2400×1550mm)

Bending/pressing

- 2 hydraulic presses (600t)

Measuring instruments

- 3 3D-coordinate measuring machines (1200×2000×1000mm)

Laser trackers

- 3 API laser trackers (30m (98ft) and 15m (49ft))
- 2 Faro tracker (30m)

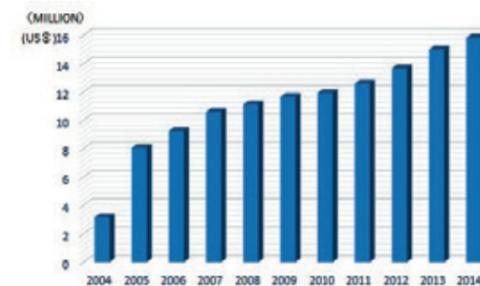
Automatic programming system

- 11 CATIA-V5

Welding machines

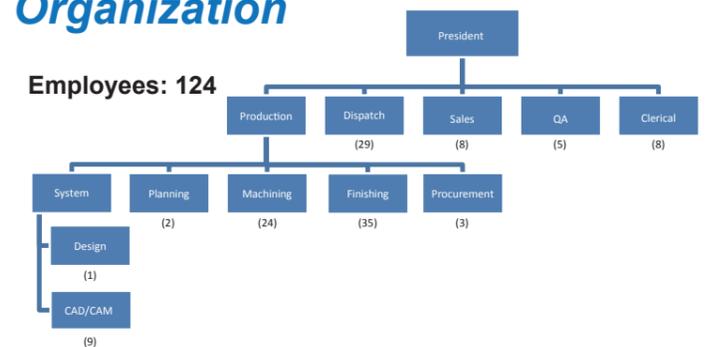
- 3 TIG welders (500A/300A)
- 4 MIG welders (500A/350A)
- 2 laser welders (300W)

Sales Amount



Organization

Employees: 124



Important Information / Notices

Nishimura Works has 50 years of experience as a jig/tool manufacturer for the aerospace industry.

Company Profile / Contact

Representative Koji Nishimura
Capital US\$83,334 (\$1 = ¥120)
Major Customers

Mitsubishi Heavy Industries, Ltd. Nagoya Aerospace Systems Works
 Mitsubishi Heavy Industries, Ltd. Nagoya Guidance & Propulsion Systems Works
 Kawasaki Heavy Industries, Ltd. Aerospace Company

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